# CHESHIRE COUNTY COUNCIL

**EDUCATION COMMITTEE** 



# REPORT

for the year 1954

BY

The Principal
School Medical Officer

CHESTER:
PHILLIPSON AND GOLDER LTD., FRODSHAM STREET



#### STAFF

Principal School Medical Officer: ARNOLD BROWN, M.B., Ch.B., D.P.H.

Deputy School Medical Officer:
B. G. GRETTON-WATSON, M.A., M.B., B.Ch., D.P.H.

Senior Assistant School Medical Officer: H. CRAIG, L.R.C.P. & S., L.R.F.P.S.

Assistant County Medical Officers:

R. A. BLYTH, M.B., Ch.B., M.R.C.S., L.R.C.P.

ENA CANT, M.B., Ch.B.

R. CARGILL, M.B., Ch.B

R. J. CLARK, M.B., Ch.B., D.P.H.

JENNY CRAIG, M.B., Ch.B., D.P.H.

HILDA DEAN, M.R.C.S., L.R.C.P.

AITOLIA ENGLISH, M.R.C.S., L.R.C.P., M.B., B.S., D.C.H.

BARBARA JONES, M.B., Ch.B.

CHRISTINA LAING, M.B., Ch.B., D.P.H.

D. W. J. O'NEILL, M.R.C.S., L.R.C.P.

ALTA STOUT, M.B., Ch.B.

JESSIE TOUGH, M.B., Ch.B., D.P.H.

GLADYS WILKINSON, M.R.C.S., L.R.C.P.

Divisional School Medical Officers:

Altrincham—

D. LONGBOTTOM, M.B., Ch.B., D.P.H.

Bebington-

D. O. MACDONALD, M.B., Ch.B., D.P.H., R.C.P.S.

Cheadle and Wilmslow-

D. G. ANDERSON, M.B., Ch.B., D.P.H.

Crawo

D. G. CRAWSHAW, M.B., M.R.C.S., D.C.H., D.P.H.

Deeside-

J. HATTON, M.D., D.P.H.

Hyde-

F. W. C. BROWN, M.D., D.P.H.

Macclesfield-

H. R. DUGDALE, M.B., Ch.B., D.P.H.

Mid-Cheshire—

W. S. SLATER, M.B., M.R.C.S., D.P.H.

Nantwich-

R. K. HAY, M.D., B.Ch., B.A.O., D.P.H.

N.E. Cheshire-

T. W. BRINDLE, M.B., Ch.B., D.P.H.

Runcorn-

E. N. H. GRAY, L.R.C.P. & S., L.M., D.P.H.

Sale and Lymm-

A. T. BURN, M.B., B.S., D.P.H.

S.E. Cheshire—

L. RICH, M.B., Ch.B., M.R.C.O.G., D.P.H.

S.W. Cheshire-

W. J. BIRCHALL, M.B., M.R.C.S., L.R.C.P., D.P.H.

Stalybridge and Dukinfield—

T. HOLME, M.B., Ch.B., D.P.H.

Paediatrician (Part-time):
J. D. ALLAN, M.D., F.R.C.P.
Ophthalmic Surgeons (Part-time)
B. BOAS, M.D.

P. J. DEVLIN, M.B., Ch.B., D.O.M.S. A. HOLMES-SMITH, M.A., M.B., B.Chir., D.O.M.S.

C. JACOBS, M.D., M.B., B.S. E. RILEY, M.B., Ch.B., D.O.M.S. L. R. C. ROSE, L.M.S.S.A., D.O. DOROTHY SIMMONS, M.B., Ch.B.

Orthopaedic Surgeons (Part-Time):
J. C. F. CREGAN, M.B., B.S., F.R.C.S.
T. JACKSON, M.R.C.S., L.R.C.P
J. L. MANGAN, F.R.C.S.I.
K. MARKS, F.R.C.S., M.Ch.
G. T. PARTRIDGE, M.A., M.B., F.R.C.S.
H. POSTON, M.B., B.Ch., B.A.O.
R. ROAF, M.A., F.R.C.S.

I. W. WINCHESTER, M.Ch., F.R.C.S. M. E. WINSTON, F.R.C.S.

Ear, Nose and Throat Surgeon (Part-time): E. M. INNES, B.Sc., M.B., Ch.B., F.R.C.S., D.L.O.

School Dental Surgeons:
H. R. PARRY, L.D.S. (Principal)
EDITH ANDREW, L.D.S.
J. B. ANDREW, B.D.S., R.C.S.
CONSTANCE ARMSTRONG, B.D.S.
E. BRADLEY, L.D.S.
D. M. DODD, B.D.S.

E. C. GRIFFIN, L.D.S.
A. F. HELY, C.B., L.D.S.
R. H. HURST, L.D.S.
H. JACKSON L.D.S.

LISBETH KIPPEN, L.D.S., D.P.D.
J. LANCASHIRE, L.D.S.

A. N. LEICESTER, B.D.S. F. C. LITTLETON, L.D.S.

MURIEL MANWOOD, L.D.S. (part-time).

H. P. MEEK, L.D.S.
J. S. O'BRIEN, L.D.S.
RUTH OWEN, L.D.S.
Ł. S. POULTER, L.D.S.
J. A. REECE, L.D.S.
H. W S. SHEASBY, L.D.S.

H. W S. SHEASBY, L.D.S. W. L. TATLOCK, L.D.S. E. J. TAYLOR, L.D.S.

E. J. TAYLOR, L.D.S.
MARGARET TAYLOR, B.D.S. (part-time).
DOROTHY WALKER, L.D.S.

Health Visitors and School Nurses: 102.

Dental Nurses and Attendants: 24.

Clerk-Attendants: 12.

Speech Therapists.
RAYLEEN EATON, L.C.S.T.
VALMAI HUGHES, L.C.S.T.
KATHLEEN JONES, L.C.S.T.
MOYNA MANSFIELD, L.C.S.T.
JOAN WREN, L.C.S.T.

#### INTRODUCTION.

To the Chairman and Members of the Education Committee.

Madam Chairman, Ladies and Gentlemen.

I have the honour to present my Annual Report on the Schools Health Service dealing with the work done during the year 1954.

An additional Medical Officer was appointed to commence work at the beginning of the Autumn Term. As the appointee was anxious to attend a part-time course for the Diploma of Public Health, leave of absence was granted for the days taken up by the course during the University Term and a General Practitioner was appointed to work part-time for an equivalent period.

As yet it has not been possible to appoint Dental Surgeons to fill the four additional posts on the establishment. It will be noted that, notwithstanding the existence of certain areas where it was only possible to perform emergency dental work, the numbers of fillings again exceeded the number of extractions. Orthodontic work is done by those Dental Surgeons who have a particular skill and keenness for this branch of dentistry; they treat school children from neighbouring areas as well as those resident in their own "dental district". As in previous years expectant and nursing mothers and children under the age of five were encouraged to attend the County Dental Clinics, and immediate appointments are made for these priority classes of patient.

Additional Dental Clinics have been established at Ellesmere Port, Little Sutton and Weaverham and other clinics opened in County Clinic Centres at Cheadle and Hoylake in accordance with the County Council's policy of concentrating all clinical activities in the same building whether under the Health or the Education Committee's activities.

An additional Speech Therapist has been appointed for work primarily in the Macclesfield area. Consequent upon this appointment it will also be possible to provide speech therapy at Stockton Heath, from which area pupils requiring speech therapy now have to make the difficult journey to Runcorn for treatment.

This report includes a section contributed by the Senior School Medical Officer, dealing with his work amongst school children who show various psychological difficulties. Pupils are sent to Child Guidance Clinics at Manchester, Salford and Liverpool, but those are insufficient to meet the needs of the County. A system has therefore been evolved through the Senior School Medical Officer which is working most satisfactorily and which has the advantage of bringing the child, the medical officer, the teacher and the parents together.

The Senior School Medical Officer visits the homes of many children in this connexion, and follow-up visits are made by Health Visitors, whilst the Area School Medical Officer keeps such pupils under supervision. In this way readjustment can often be effected without unduly differentiating the child from his schoolfellows and all persons concerned with investigation and treatment are working with the home and educational background pertaining to the normal child.

The means of early diagnosis and treatment of spasticity have been carefully considered by the Special Services Sub-Committee, who have decided to appoint, jointly with the County Health Committee, as an experimental measure, a physiotherapist and an occupational therapist, both of whom will have special training and experience with spastic children. These two persons will in the first place give special attention to the training of Health Visitors in the detection of spasticity in the early months of life and will give the necessary treatment at the County Clinic Centres. The Projected Unit for Spastic children at Clatter-bridge Hospital has, not, as yet, been commenced.

Selected Health Visitors have attended the Department of Education of the Deaf at Manchester University for tuition in the early recognition of deafness. There is a need for additional Health Visitors consequent upon the many new duties laid upon them in other branches of their work.

With the ready co-operation of the Director of Education and the Teaching Staffs, B.C.G. Vaccination of School leavers commenced throughout the county in the Autumn Term of 1954. The response of parents to the offer of vaccination was most gratifying, and by the end of the year, 2,156 pupils had been tested and of these 663 (30.75%) were found to react positively to tuberculosis. These reactors were followed up by the School Medical Officers. Unfortunately it has not been possible to arrange for them to be examined by Miniature Radiography, as these units visit the administrative county only infrequently; 3 County Districts were in fact visited in 1954.

The number of medical inspections in 1954 shows an increase of approximately 4,500, or 10% over the previous year. Those children

found to have defective vision were increased in number but the total number of other defects found showed a slight decline. It is desired to draw attention to the decreasing percentage of pupils found on inspection to be in poor general condition, and to the 10% drop in the number of individual pupils found to be infested with vermin.

It is with great regret that I have to record the death of Mr. H. Foulkes, one of the School Dental Surgeons.

I acknowledge with gratitude the help and co-operation which I have invariably received from the members of the Education Committee, the Director of Education, the County Architect, the Teaching Staff at the schools, and all the staff of the Schools Health Service.

I beg to remain,

Your obedient servant,

ARNOLD BROWN,
Principal School Medical Officer.

June, 1955.

#### General Statistics

The Administrative County of Cheshire comprised 42 County Districts, namely 9 Municipal Boroughs, 23 Urban Districts and 10 Rural Districts, at the end of 1954, Hoole U.D. being transferred to Chester City on 1/4/54.

The population estimated by the Registrar-General at mid-1954 was 831,400.

The total number of Schools in the educational area at 31/12/54 with their enrolments, was as follows:—

Primary	******	******	******	******	*******	463	82,300
Secondary (	Gramm	ar)	******	******	*******	18	10,420
Secondary (I	Modern	1)	******	******	*******	61	20,063

At the end of 1954, there were 88,117 children receiving school milk, and 54,940 receiving school meals.

No schools were closed by the Principal School Medical Officer in 1954 or in 1953 on account of infectious disease.

#### The School Dental Service in 1954.

Mr. H. R. Parry, Principal School Dental Officer reports:— Staff equivalent to 21 full time Dental Officers.

The normal routine dental inspection and treatment of school children has been earried in all but three areas in the county during the year.

In each of these three areas a dental officer has been in attendance for at least one whole day per week for the purpose of earrying out emergency treatment.

In the remaining areas approximately 70% have been treated each 12 to 15 months and the other 30% each 15 to 20 months.

In October, 1954, the Dental Staff reached its full establishment of 24 officers (2 part time and 23 full time). The establishment was raised subsequently from 24 to 28.

Of the 82,000 ehildren inspected, 49,500 were found to require treatment, 48,000 were referred for treatment and 35,600 or 74% were actually treated. 42,500 extractions (including 6,300 permanent teeth) and 42,700 fillings (including 5,500 temporary teeth) were completed.

The work carried out during the year is very satisfactory in both quality and quantity; with one additional Dental Officer, 4,000 more teeth were extracted than in 1953, otherwise the number of fillings and other operations was approximately the same.

More fillings were completed than extractions, in spite of the large number of children treated in the emergency areas, where 95% of the work was extractions only.

Of 7,000 appointments made for children to attend for treatment during the holidays 65% were kept, of which 80 to 90% attended for the first 10 days and roughly 5 to 10% for the third and fourth weeks.

400 children made nearly 2,000 visits for orthodontic treatment (regulating of teeth) and 200 cases were completed during the year.

Four Dental Clinics were opened, one each at Ellesmere Port, Weaverham, Cheadle and Little Sutton, making a total of 36 fully electrically equipped Dental Clinics in the County; ten years ago, in 1944, we had only one fully equipped clinic.

Our sincere thanks and appreciation are due to members of the Education Committee and the Director of Education.

Once again we should like to thank all the head teachers for their generous support, which is always forthcoming and without which our School Dental Service would suffer considerably.

## School Buildings

The following major works were completed or in progress during 1954. In addition to these works a large number of minor works of alterations, additions and improvements were carried out as well as the normal maintenance work to schools throughout the County:

New Schools completed and occupied.

Altrincham Broomwood Estate County Primary School.

Crewe Wistaston Green Primary School.

Ellesmere Port Pooltown Road County Primary School.

Little Sutton Secondary School.

Little Sutton Parklands Primary School.

Middlewich Primary School.

Extensions to existing Schools completed.

Runcorn The Grange County Primary School.

Timperley Heyes Lane County Primary School.

Winsford Verdin Grammar School.

Sale Springfield Road County Primary School—Conversion (Stage 1).

Poynton Primary School—Additional Classrooms.

Middlewich Secondary School—Housecraft Room.

Congleton Girls Secondary School—Additional Classroom.

### New Schools in course of erection.

Alsager Secondary School.

Cheadle Grammar School.

Cheadle Ladybridge County Primary School.

Dukinfield Grammar School.

Hartford Secondary School.

Hazel Grove Secondary School.

Weaverham Secondary School.

#### Extensions in progress.

Gatley Hawthorn Road Primary School.
Sale Springfield Road County Primary School—
Conversion (Stage II).

#### SPECIAL SERVICES REPORTS.

## Ear, Nose and Throat Service

(from Mr. E. Innes).

The E.N.T. Unit has continued to provide valuable help to the School Health Service.

The waiting time for removal of tonsils and adenoids has, on the whole continued to decrease, though occurrences such as the present stoppage of operating lists at the Macclesfield Infirmary due to shortage of staff, have an adverse effect in this respect.

Efforts are being made to reduce the large number of urgent cases on the waiting list from the Dukinfield, Hyde and Stalybridge areas, which has accrued due to the long waiting time at the Ashton Hospital.

The number of chronic discharging ears has continued to decrease. This is due partly to the energetic and regular treatment which can be given at the School Clinics and partly because running ears are now usually seen at the acute stage and prevented from becoming chronic.

Quite a few cases have been referred by the Speech Therapists. Any of these cases which can be helped by E.N.T. treatment have been given priority consideration.

Full use has been taken of the facilities offered by Professor Ewing's Department of Education of the Deaf, at Manchester University. His specialised apparatus has been invaluable in deciding in some cases whether a child who is partially deaf should continue to attend an ordinary school or be referred to a special school.

#### ATTENDANCES AT E.N.T. CLINICS, 1954

Alsager	*******	******	*******	126	Hazel Gro	ve	*******	******	28
Altrincham	*******	******	******	7	Macclesfiel	d	******	*****	84
Bollington	*******	*******	******	6	Middlewic	h		*******	4
Cheadle	********	******		44	Northwich	84600000	00000000		115
Congleton	20000000	******	*******	42	Poynton	*******	*****		24
Crewe	quiq travita	,,,,,,,,,	******	138	Sale	*******	*******	*******	11
Dukinfield	00041000	********	********	87	Sandbach	*******	\$0.000.000	*****	154
Ellesmere F	ort	84004000	00000000	176	Wilmslow	50141011	*****	*******	2
					Winsford	queryons	quanting	-	80

## Ophthalmic Service

(from Dr. A. Holmes-Smith).

The School Ophthalmic Clinics have progressed satisfactorily during the year 1954. The linking of clinics with hospitals through the Ophthalmic Service is now showing the full fruits of your Committee's fore-thought; not only is it possible for patients requiring hospital treatment for investigations to be admitted urgently, if required but they can be seen as out-patients without the extensive travel which was sometimes necessary in the past, and this is, of course, a great boon when one is dealing with children of whom there may be several in a family. The arrangements for orthoptic treatment in the County are also satisfactory. Furthermore the waiting time for operation for squint, the most common form of operation in children, is now, for the most part, of comparatively short duration, and there is no reason for any child who requires operation to leave school without the operation being performed.

In the wider spheres of medicine the year has seen the solution of the mystery of the cause of retrolental fibroplasia, a condition which during the past decade, has been increasingly frequent in the low-weight premature infant and would, therefore, have been reflected at this stage in the education both of partially sighted and blind infants. It has been shown that the condition arises from the sudden withdrawal of a high concentration of oxygen and it is, therefore, exceedingly easy to prevent the condition arising, whereas it had appeared to be a problem which would increase steadily in size owing to the increasing number of premature infants reared.

In my last report I made a comment on the demand of employers for a medical examination of all new employees, including an eyesight test on which an applicant for employment may be rejected on account of defective vision; it is evident now that there is a similar concern for all applicants for motor driving licences, yet another reason for the early detection of visual defects.

Certain new School Clinics have been opened during the year; these now include, as routine, the special equipment required for ophthalmic examination and are indeed exceedingly pleasant to work in.

In conclusion may I acknowledge once more the valuable assistance of the Health Visitors attached to the Clinics.

#### ATTENDANCES AT EYE CLINICS, 1954.

Alsager	04000400	880 00000	138	Macclesfield	********	801
Bollington	42044.000	00,000000	104	Marple	900000000	131
Bredbury	********	*******	98	Middlewich	00007*00	140
Cheadle	9 *** *** ***	*****	110	Nantwich	*******	359
Cheadle Hu	ılme	decrees	62	Neston	******	71
Congleton	00111111	00400000	204	New Ferry	00000000	954
Disley	********	4444444	16	Northwich	*******	967
Dukinfield	Breezena	00000104	292	Poynton	98444444	46
Ellesmere I	ort	Accessed	713	Runcorn		595
Frodsham	ferencens	(mercos)	246	Sale		460
Hale	gaeeeee	\$80.00 TOR	498	Sandbach	00000000	633
Hazel Grov	re	20000000	122	Stalybridge	gmore-sec	421
Heswall	deressena	999 4070#	400	Stockton Heath		133
Hoole	600-00000	84000004	195	Tarporley		122
Hoylake	Brossensp	\$******	293	Weaverham	*******	82
Hyde	94000000	Arresona	152	Wilmslow	*********	156
Knutsford	Arresona		48	Winsford	2400000	286
Lymm	80000008	001 000-00	200		********	

#### Paediatric Service

(from Dr. J. D. Allan).

The County Paediatric Service has been continued on the basis of three clinics per month, that is, two in Crewe and one in Northwich, plus one ward round of the School Medical Officers. The latter alternates between Stockport and Macclesfield and is well attended and appreciated by the School Medical Officers. It also has the advantage of promoting liaison between the Hospital and School Medical Service and quite often valuable discussion on various subjects ensues, or matters affecting individual cases are clarified.

The clinics in Crewe and Northwich are well attended and the General Practitioners in both places make good use of the service provided. Recently a paper on the subject of "Modern Trends in Paediatrics" was given to the General Practitioners in Northwich.

Cases requiring hospital admission are generally accommodated with very little delay at Macclesfield, but the provision made, as yet, for dealing with (1) the spastic child (2) the education of the sub-normal child and (3) the psychologically unstable child, though improved, are not ideal.

The local hospitals both in Crewe and Northwich co-operate fully in ancillary investigations necessary following consultation and, as a result of this, there has been less need for transport, for such investigations, to Macclesfield, thus relieving in some slight way the present strain on the Ambulance Service.

#### ATTENDANCES AT PAEDIATRIC CLINICS, 1954.

Crewe, Ludford Street \_\_\_\_ 48 Hyde, Parsonage Street\_\_\_ 7
Crewe, Stalbridge Road \_\_\_ 53 Northwich, Darland House 41

### Orthopaedic Service

Since 5th July, 1948, the orthopaedic service has been the financial responsibility of Regional Hospital Boards under the National Health Service Act. The County Council has been able to arrange for the existing clinics—the longest established of the specialist services—to continue unaltered, the specialist surgeons and the physiotherapists attending as before. The methods of ascertainment remain the same, children being referred to the surgeons by private doctors, or (with the approval of the private doctor) by School Medical Officers after medical inspection at schools or minor ailment clinics.

# ATTENDANCES AT ORTHOPAEDIC CLINICS, 1954

Dukinfield	90000000	000+0000	1920	Runcorn	000 000 00	748
Ellesmere Port	- 4000000		916	Sale	00+00000	173
Hyde	g******	NA P2 00 00	1006	Stalybridge	******	1262
New Ferry	g 001600pp	******	650	Stockton Heath	******	73
Northwich	mosson	50 000 000	212			

Children attending for sunlight treatment are the responsibility of the local authority unless referred for it by the specialist. The following were the attendances during 1954 by school children at the clinics specified:—

 Dukinfield
 \_\_\_\_\_\_ 1666

 Hyde
 \_\_\_\_\_\_ 1583

 New Ferry
 \_\_\_\_\_\_ 1421

 Sale
 \_\_\_\_\_\_ 763

 Stalybridge
 \_\_\_\_\_\_ 1194

#### Psychiatric Service.

(from Dr. H. Craig).

Since it has not been possible to deal with all Cheshire pupils requiring Psychiatric investigation and treatment at the existing Child Guidance Clinics at Liverpool, Salford and Manchester, a Psychiatric Service has been evolved in the County over the last six years, which, starting as a mere "screening" device, has developed into the main means of providing Psychiatric help.

Its success is shown by the requests for advice and treatment received on behalf of pupils from parents, doctors, hospitals and head teachers. During 1954 the service has been extended to cover the investigations of boys in the Remand Home at the request of the Juvenile Courts.

The cases presented were behaviour problems (truancy, stealing, difficult behaviour) psychosomatic (enuresis, asthma) educational problems, (backwardness, school difficulties, word blindness, specific abilities); personality disorders (fears, nervousness, sex difficulties, aggression, cruelty); and miscellaneous difficulties such as speech disorders and suitability for adoption. There was a preponderance of cases in the Secondary School age group.

The aim of the scheme is to enable the psychologically disturbed child to remain in the normal category, to help him to work out his difficulties in the ordinary home and school environment and to function as a preventive Mental Health Service.

Treatment includes psychotherapy with or without play, supervision of the home background, and educational treatment with the cooperation of the teaching staffs.

At present 72 children are undergoing treatment but there are 23 children on the waiting list for investigation. As regards results, of 73 pupils already treated, 25 have made marked improvement and 36 have improved, 7 have not improved and 5 have been found educationally subnormal and are being educated at the residential Special School.

Such results could not be achieved without the interest and cooperation shown by the teaching staff and the staff of the Schools Health Services and my grateful thanks are due to them.

The cases examined included:-

- (1) Behaviour problems:—truancy, 12, stealing, 14, difficult behaviour, 11.
- (2) Psychosomatic:—enuresis, 7, asthma, 3.
- (3) Educational:—backwardness, 10, school difficulties, 10, suitability, for grammar school or boarding school education, 10, word blindness, 2, specific abilities, 2.
- (4) Personality Disorders:—fears and nervousness, 7, sex difficulties, 5, aggression and cruelty, 3, others, 8.
- (5) Others:—adoption, 2, speech difficulties, 2.

#### Torpenhow Open-Air School

The school is situated on the hill at Frankby overlooking the estuary of the River Dee.

There is accommodation for 78 pupils suffering from malnutrition, general debility and chest conditions such as asthma, bronchitis, and bronchiectasis. In addition, children who are contacts of cases of open pulmonary tuberculosis are segregated from the source of infection by being admitted to the school. School children of both sexes within the age range of 7-11 years are admitted.

Children suitable for admission are selected by the School Medical Officers at medical inspections and enter Torpenhow Open-Air School initially for a period of six months, this being renewed if found to be necessary. Pupils remain at Torpenhow throughout the year, with the exception of the month of August, and attend the school during the normal school term. During the school holidays a number of recreational activities such as walks, picnics, games and visits to places of interest are organised.

During the year 139 children were admitted and 138 were discharged. They were classified according to their various disabilities as follows:—

			Adm	issions	Disch	harges
			Boys	Girls	Boys	Girls
General Debility	******	*******	38	40	41	43
Asthma	*****	******	14	6	17	6
Bronchitis	P0470040	00100000	18	4	12	5
Bronchiectasis	*******	******	5	4	3	3
Tuberculosis contacts	*********	*******	1	5	1	2
Eczema and Asthma	00000099	********	2	2	3	2
			78	61	77	61

#### Mary Dendy School

At this school 102 places are provided for educationally subnormal children, generally speaking within the I.Q. range of 55-75. Children accommodated in three boarding houses, two for boys and one for girls, and attend daily for lessons at the special school.

Children requiring admission are selected by the School Medical Officers at medical inspections. They can be admitted at any time during school life, but are rarely suitable before the age of seven years. Children usually remain at the school until the age of sixteen years, the normal school leaving age for handicapped pupils. All cases are reviewed from time to time, those found to be ineducable are excluded, some are re-admitted to ordinary school.

The Mary Dendy School can, of course, take only a small proportion of the educationally subnormal children in the County, and therefore priority of admission is given to those, who are either suffering from the effects of adverse home conditions, deprived of a normal home life, or are actual or potential delinquents.

The greatest problem encountered at this school is to make suitable arrangements for children after leaving. The very reasons mentioned above for admission invariably constitute good cause for further close supervision after leaving school—often preferably in an institution. The shortage of accommodation in such institutions has often necessitated educationally subnormal children being returned to unsuitable homes at a time in their lives when they are particularly prone to emotional instability. The Regional Hospital Boards, which are responsible for providing institutional accommodation for mentally defective persons, are aware of these difficulties and are making every effort to remedy the deficiencies.

During the year under review the numbers admitted to and discharged from the school were:—

				Boys	Girls	Total
On Roll 31.12.53	96444848	90000010	98000000	66	34	100
Admitted during year	ep::::::::::::::::::::::::::::::::::::	00111100	<b>60</b> 2 5 100-0	17	6	23
Discharged during year	04000000	56×60×60		16	8	24
On Roll 31.12.54	<b>DAMPANA</b>	57550000	Perimona	67	32	99

#### HANDICAPPED CHILDREN

# Numbers Attending Special Schools, 1954

BLIND AND PARTIALLY SIGHTED  Birkenhead, Sight Saving Classes	Boys 2 - 3 7 7 1 1 1	Girls	Total  2 2 4 9 10 2 1
DEAF AND PARTIALLY DEAF  Boston Spa, St. John's Roman Catholic Institution Liverpool, Oxford Street School for Deaf Manchester, Royal Residential School for the Deaf Newbury, Mary Hare Grammar School Preston, Royal Cross School for Deaf Southport, Liverpool School for Partially Deaf Stoke-on-Trent, North Staffordshire Deaf School Watford, Miss Fearnley's School	$\frac{1}{32}$ $\frac{1}{9}$ $\frac{1}{1}$	1 1 30 1 	1 2 62 1 1 14 2
Bebington, Clatterbridge Hospital	24 123 	18 92 1 5 1 26 3 — 3 1	42 215 1 8 5 58 3 1 3
Aberdeen, Camphill (Rudolf Steiner) School  Alderley Edge, Mary Dendy School  Liverpool, Allerton Priory R.C. School  Ripon, Spring Hill School  Southborough, Meadows Memorial Home School  Totnes, St. Thomas More's School  Wellesbourne, Staple Hill School	1 2	1 34 2 —	2 102 2 1 2 1
EPILEPTIC  Alderley Edge, Colthurst House	1	3 2 1	7 4 2
MALADJUSTED Aberdeen, Camphill (Rudolf Steiner) School	. 1	<u></u>	4 3 1 1

### PHYSICALLY HANDICAPPED.

Crippled (non-tuberculous)  Bebington, Clatterbridge Hospital Biddulph, Orthopaedic Hospital Carshalton, Queen Mary's Hospital Chailey, Heritage School Exeter, St. Loyes College Hartshill, Orthopaedic Hospital Heswall, Royal Liverpool Children's Hospital Killinghall, Ian Tetley Hospital Home Kirbymoorside, Welburn Hall Leasowe, Leasowe Open-Air Hospital Liverpool, Abbot's Lea Boarding School Liverpool, Alder Hey Hospital School Liverpool, Children's Rest School of Recovery Manchester, Bethesda Children's Home Manchester, Booth Hall Hospital Marple Children's Orthopaedic Hospital Mobberley, Margaret Barclay Special School Oswestry, Orthopaedic Hospital Pendlebury, Royal Manchester Children's Hospital Rudyard, Horton Lodge Residential School West Didsbury, Lancastrian Special Day School		Boys 96 10 1 1 5 5 7 4 9 2 42	Girls 42 6 1 — 6 3 1 1 8 1 1 1 0 2 31 1 1 1	Total 138 16 1 1 1 1 11 8 1 15 1 1 1 19 4 73 1 1 1
Heart  Bebington, Clatterbridge Hospital  Heswall, Royal Liverpool Children's Hospital  Leasowe, Leasowe Open-Air Hospital  Macclesfield, West Park Hospital  Rainhill, St. Joseph's Heart Hospital School	000000000 00000000 00000000 00000000	60 2 1 2 3	24 1	84 2 1 3 3
Tuberculous.  Abergele Sanatorium Bebington, Clatterbridge Hospital Biddulph, Orthopaedic Hospital Heswall, Cleaver Sanatorium Heswall, Royal Liverpool Children's Hospital Leasowe, Leasowe Open-Air Hospital Liverpool, Alder Hey Hospital School Macclesfield, West Park Hospital Marple, Children's Orthopaedic Hospital Oswestry, Orthopaedic Hospital Ulverston, High Carley Sanatorium Weaverham, Hefferston Grange Sanatorium Wigan, Wrightington Hospital Special School		5 108 1 17 — — 5 3 4 — 16 2	7 90 1 41 2 7 1 2 3 3 3 9 3	12 198 2 48 2 7 1 7 6 4 3 55 5
SPEECH Oxted, Moor House School	blind or og	1	_	1
Resident in Boarding Homes a Attending Ordinary Schools, 1				
DIABETIC Frodsham, Fir Bank Home	estesse	Boys 3	Girls	Total 4
MALADJUSTED  Rochdale, Dunsterville Home	07797004	_	1	1

# MEDICAL INSPECTION RETURNS

Year ended 31st December, 1954

#### TABLE I

#### Medical Inspection of Pupils attending Maintained Primary and Secondary Schools

# A.—PERIODIC MEDICAL INSPECTIONS

Number of Inspections in the prescribed Entrants	Total Grand Total			13047 9797 8518 31362 110 31472
B.—OTHER INS	SPECTION	IS		
Number of Special Inspections Number of Re-Inspections	000400000	durbobb	ayattankista	6174 11322
	Total	sastestia	dautoutti	17496
Number of Children Examined for Visu	al Acuity	controlled	shekeesi	12726

#### C.—PUPILS FOUND TO REQUIRE TREATMENT

Number of Individual Pupils found at Periodic Medical Inspection to require Treatment (excluding Dental Diseases and Infestation with Vermin)

Group (1)	For defective vision (excluding squint)	For any of the other conditions recorded in Table IIA	Total individual pupils (4)	
Entrants Second Age Group Third Age Group	165 657 672	2150 1105 704	2313 1717 1324	
Total (prescribed groups) Other Periodic Inspections	1494	3959 9	5354 11	
Grand Total	1497	3968	5365	

TABLE II

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION
IN THE YEAR ENDED 31st DECEMBER, 1954

		Periodic I	nspections	Special I	nspections	
Defect		No. of	Defects	No. of Defects		
Code No.	Defect or Disease  (1)	Requiring treatment	Requiring to be kept under ob- servation but not requiring treatment (3)	Requiring treatment (4)	Requiring to be kept under ob- servation, but not requiring treatment (5)	
4	Skin	431	306	86	49	
5	Eyes— (a) Vision — — (b) Squint — (c) Other —	1497 308 214	998 218 72	697 78 34	396 40 14	
6	Ears—  (a) Hearing —  (b) Otitis Media —  (c) Other —	122 72 68	203 98 38	24 13 14	53 16 7	
7 8 9	Nose or Throat Speech Cervical Glands	1349 200 22	2574 202 1075	241 58 15	365 66 146	
10 11 12	Heart and Circulation Lungs — Developmental—	121 243	388 595	37 60	100 158	
13	(a) Hernia (b) Other Orthopaedic—	26 51	51 173	11 15	8 29	
14	(a) Posture (b) Flat Foot (c) Other	253 331 273	356 437 383	59 65 67	51 66 60	
	Nervous System—  (a) Epilepsy  (b) Other ——	24 45	33 70	11 10	13 10	
15	Psychological—  (a) Development —  (b) Stability —	104	220 110	10 16	184 50	
16	Other	418	230	103	84	

# B.—CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS INSPECTED DURING THE YEAR IN AGE GROUPS

Age Groups	No. of	A (Good)		B (Fair)		(Poor)	
	Pupils Inspected	No.	% of col. 2	No.	% of col. 2	No.	% of col. 2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Entrants Second Age Group Third Age Group Other Periodic Inspections	13047 9797 8518 110	5290 4570 4332 99	40 47 51 90	7264 4852 3997	56 49 47 10	493 375 189	4 4 2
Total	31472	14291	46	16124	51	1057	3

## TABLE III

#### Infestation with Vermin

(1) Total number of examinations in the schools by the school nurses or other authorized persons	329957
(ii) Total number of individual pupils found to be infested	4697
(iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944)	1366
(iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act,	
1944)	128

#### TABLE IV.

# Treatment of Pupils attending Maintained Primary and Secondary Schools.

GROUP I.—DISEASES OF THE SKIN (excluding uncleanliness, for which see Table III).

See Tuble 111).
Number of cases treated or
under treatment during the year.
Ringworm— (i) Scalp 8
(ii) Body 16
Scabies 18
Impetigo 1057
Other skin diseases
Total 2529
GROUP II.—EYE DISEASES, DEFECTIVE VISION AND SQUINT.
Number of cases dealt with
External and other, excluding errors of refraction and squint 1531
Errors of Refraction (including squint) 6680
Total 8211
Number of pupils for whom spectacles were
(a) Prescribed 2987
(b) Obtained 2733
GROUP III.—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT.
Received operative treatment Number of cases treated
(a) for diseases of the ear 7
(b) for adenoids and chronic tonsillitis — 467
(c) for other nose and throat conditions 25
Received other forms of treatment 1320
Total
GROUP IV.—ORTHOPAEDIC AND POSTURAL DEFECTS.
(a) No. treated as in-patients in hospitals 184
(b) No. treated otherwise, e.g., in clinics or
cut-patient departments 1496
GROUP V. CHULD COMMON TO THE C
GROUP V—CHILD GUIDANCE TREATMENT.
No. of pupils treated at Child Guidance Clinics 14

### GROUP VI—SPEECH THERAPY

Total number of sessions at Clinics	********	***********	519
No. of pupils referred for Speech Therapy	*	*******	276
No. of pupils treated	0*******	*********	368
Total attendances at Clinics	********	********	8347
No. of visits to Schools		*******	317
No. of children examined at Schools		*******	543
No. of visits to the homes of pupils	907 01000	********	301
GROUP VII—OTHER TREAT	'MENT	GI	VEN.
Miscellaneous Minor Ailments		1	5768

#### TABLE V

### Dental Inspection and Treatment

(1) Number of pupils inspected by the Authority's Der Officers—	ıtal	
(a) Periodic Age groups		72855
(b) Specials	Marriage	9149
(c) Total (Periodic and Specials)	*******	82004
(2) Number found to require treatment	******	49446
(3) Number referred for treatment	<b>0</b> 000 0 0 0 0 0 0	48050
(4) Number actually treated		35623
(5) Attendances made by pupils for treatment.		54215
(6) Half-days devoted to: (a) Inspection	*******	775
(b) Treatment	*****	8091
Total (a) and (b)	<del>00-00000</del>	8866
(7) Fillings Permanent Teeth — — — — — — — — — — — — — — — — — — —	Services Substanting	37199 5477
Total		42676
(8) Number of teeth filled: Permanent Teeth Temporary Teeth	deres de syste	30976 4127
Total	progency	35103
(9) Extractions: Permanent Teeth		8372 34129
Total	-	42501
10) Administration of general anaesthetics for extraction	n	9172
11) Other Operations:  (a) Permanent Teeth (b) Temporary Teeth	_	5143 1508
Total (a) and (b)	_	6651

TABLE VI
Number of handicapped pupils examined in School

Defect	Number	of
Defect	New Cases	Re-exams
Blind	1	******
Partially Sighted	7	31
Deaf	2	7
Partially Deaf	3	7
Delicate	35	281
Diabetic	3	25
E.S.N.	205	566
Epileptic	23	70
Maladjusted	_	12
Physically Handicapped	56	231
Speech Defect	40	67

#### TABLE VII

Medical Examinations as	t Scl	hool Clinic	s	*****	04 64000	0de****	*******	6831
Number of children exa	min	ed for part	-tim	e emplo	ymen	t	***********	1421
Number of Special Repo	orts	completed	on	children	exar	mined	at	
Schools	********	0004 ******	***************************************	distant	********	183		
School Clinics	********	6440000	********	**400000	*******	324		
Homes of Pupils	P==+0000	Porrorag	a no minut will	Procuess	*********	315		
								822

# LIST OF SCHOOL CLINICS

Clinic	Address	Type of Clinic	Day held
ALSAGER	15, Centre Court,	Minor Ailment	Mon.—Thurs. a.m.
	Alsager.	Doctor's Sessions E.N.T. Eye	Fri. p.m. Fri. a.m. 2nd Mon. p.m. 1st Thurs. p.m.
ALTRINCHAM	12, The Mount, Altrincham.	Minor Ailment Doctor's Sessions E.N.T.	Mon., Tues. & Fri. a.m 2nd and 4th Mon. a.m. 1st Thurs. a.m.
	<ul><li>145, Park Road,</li><li>Timperley.</li><li>69 Station Bldgs</li><li>Altrincham.</li></ul>		Wed. a.m. 1st & 3rd Wed. a.m. Tues. and Fri. a.m. & p.m.
BARNTON	Methodist School Room, Runcorn Road, Barnton.	Minor Ailment	Wed, a.m.
BEBINGTON	Council Offices, Bromborough.	Minor Ailment Doctor's Sessions	1st Tues, a.m. When required.
	218. Bebington Road, Bebington.	Speech	Tues. a.m. & p.m. Wed. a.m. and p.m.
	St. Mark's Parish Room, Grove Street, New Ferry.	Minor Ailment Doctor's Sessions Eye	Mon. to Fri. p.m. Wed. p.m. Fri. a.m.
BOLLINGTON	Wellington Rd., Bollington, Macclesfield.	Minor Ailment Doctor's Sessions E.N.T. Eye	Tues, a.m. 1st Tues, a.m. Odd Mths, 1st Fri. a.m. 2nd Tues, p.m.
BREDBURY	Lower Bents Lane, Bredbury.	Minor Ailment Doctor's Sessions Eye	Thurs, a.m. 3rd Thurs, a.m. 2nd Thurs, a.m.
CHEADLE	Brookfield, Wilmslow Road, Cheadle.	Minor Ailment Doctor's Sessions Eye E.N.T.	Mon., Wed. & Fri. a.m. 1st Mon. a.m. 2nd & 3rd Thurs. p.m. Even Months 1st Thurs. p.m.
		Speech	Fri. a.m.
CHEADLE HULME	Parish Hall, Church Road, Cheadle Hulme.	Minor Ailment Doctor's Sessions Eye	Wed. p.m., Fri. a.m. 4th Wed. p.m. 3rd & 4th Tues. p.m.
CONGLETON	Park Street. Congleton.	Minor Ailment Doctor's Sessions E.N.T.	Odd Mths. 4th Thurs.
		Eye Speech	a.m. 2nd Wed. p.m. Tues. a.m. & p.m.

CREWE	201 Edleston Rd. Crewe.	,Speech	Tues. & Thurs. a.m. & p.m.
	Ludford Street, Crewe.	Minor Ailment Doctor's Sessions E.N.T. Eye Paediatric	Mon. & Wed. a.m. Mon. & Wed. a.m. 3rd Fri. a.m. Wed. a.m. 3rd Fri. p.m.
	Stalbridge Road, Crewe.	Minor Ailment Doctor's Sessions Eye Paediatric	Tues. a.m. 1st & 3rd Tues. a.m. As Required 1st Fri. p.m.
DUKINFIELD	King Street, Dukinfield.	Minor Ailment	Mon., Tues. & Fri. a.m. Wed., Thurs. & Fri. p.m.
		E.N.T. Eye	Tues. a.m. Fri. p.m. 4th Mon. p.m. 1st, 2nd & 4th Fri. p.m.
ELLESMERE PORT	York Road. Ellesmere Port.	Minor Ailment  Doctor's Sessions	Mon. to Thurs, a.m. Fri. p.m. Thurs, a.m.
		E.N.T. Eye	Alt. Mon. a.m. Fri. a.m.
FRODSHAM		Minor Ailment Doctor's Sessions E.N.T.	Odd Mths. 3rd Thurs. a.m.
II A Y E	*	Eye	4th Thurs. a.m.
HALE	Lister House, 9 Broomfield Lane, Hale.	Minor Ailment  Doctor's Sessions  Eye	Mon. & Fri. p.m., Wed. a.m. 1st & 3rd Fri. p.m. Tues. a.m.
HAZEL GROVE	253, London Rd. Hazel Grove.	Minor Ailment Doctor's Sessions E.N.T.	2nd Tues. a.m. Even Mths. 3rd Thurs.
		Eye Speech	a.m. 1st & 4th Thurs, a.m. Mon. a.m.
HESWALL	Telegraph Road, Heswall.	Minor Ailment Doctor's Sessions Eye Speech	Tues. p.m. 1st & 3rd Tues. p.m. 2nd & 4th Fri. p.m. Fri. a.m. & p.m.
HOLLING- WORTH	Wedneshaugh Green, Hollingworth,	Minor Ailment	Tues. p.m.
HOOLE	55, Hoole Road, Hoole.	Minor Ailment Doctor's Sessions Eye Speech	1st Mon. a.m. 1st Mon. a.m. 1st Fri. p.m. Fri. a.m. & p.m.
HOYLAKE	Broomfield, Meols Drive, Hoylake.	Minor Ailment  Doctor's Sessions	Mon., Wed., Thurs., and Fri. a.m.
	in the second se	Eye Speech	1st & 3rd Fri, p.m. Mon. a.m. & p.m.
		25	

HYDE	Reform Club Buildings Market Place, llyde.	Minor Ailment Doctor's Sessions Eye (Specialist)	1st Tues. a.m. 3rd. Fri.
		Eye (D.M.O.) Speech	2nd & 4th Tues, a.m. Wed. a.m.
KNUTSFORD	County Offices, Bexton Road, Knutsford.	Minor Ailment Doctor's Sessions Eye	Wed. a.m. 2nd & 4th Wed. a.m. 3rd Thurs. p.m.
LITTLE SUTTON	Chester Road, Little Sutton,	Minor Ailment	Fri. a.m.
LYMM	29. Eagle Brow, Lymm.		Mon. to Fri. a.m. 2nd & 4th Wed. p.m. 2nd & 4th Wed. p.m.
MACCLESFIELD	Sandara Causara	Eye	4th Thurs. p.m.  Mon. & Thurs. a.m.
MACCLESTIELD	Macclesfield.	Minor Ailment	Mon. & Thurs. a.m.
	Pierce Street, Macclesfield.	Minor Ailment	Mon. & Thurs. p.m. Tues., Wed. & Fri. a.m.
		Doctor's Sessions E.N.T. Eye	Fri. a.m. except 1st Fri. 1st Fri. a.m. 1st Mon. p.m. 1st, 3rd & 4th Tues. p.m., 4th Thurs. a.m.
	52, Bridge St., Macclesfield.	Speech	Thurs. a.m. & p.m.
MALPAS	Jubilee Hall, Malpas.	Minor Ailment	Thurs. p.m.
MARPLE	Parish Hall, Chadwick St., Marple.	Minor Ailment Doctor's Sessions Eye	Wed. a.m. 2nd Wed. a.m. 3rd Thurs. a.m.
MIDDLEWICH		Doctor's Sessions E.N.T.	Mon., Wed. & Fri. a.m. 2nd & 4th Mon. a.m. Even Mths. 4th Thurs. a.m.
NANTWICH	The Dowery,	Eye Minor Ailment	3rd Tues. p.m. Mon. to Fri. a.m.
	Barker Street. Nantwich.	Doctor's Sessions Eye	
NESTON	Mellock Lane Neston,	Minor Ailment Doctor's Sessions Eye	Tues. a.m. 1st & 3rd Tues. a.m. 1st Wed. a.m.
NORTHWICH	Parkfield, Middlewich Rd.,	Minor Ailment	Mon., Wed., Fri. & 1st Thurs. a.m.
	Northwich.	Doctor's Sessions E.N.T. Eye	
	Darland House, Winnington Hill, Northwich.	Minor Ailment  Doctor's Sessions  Paediatric  Speech	Tues., Fri. a.m. 2nd Fri. p.m. 2nd Fri. p.m. 4th Mon. p.m. Mon. a.m. & p.m. Thurs. a.m.

POYNTON	Park Lane, Poynton.	Minor Ailment Doctor's Sessions E.N.T.  Eye	Tues. p.m. 1st & 3rd Tues. p.m. Even Mths. 3rd Wed. p.m. 2nd Thurs. p.m. even months.
ROMILEY	Leyfield Ave., Romiley.	Minor Ailment	Mon. p.m.
RUNCORN	28, Halton Road Runcorn.		Mon & Thurs. a.m. Tues. & Fri. a.m. 2nd & 4th Fri. a.m.
		Eye Speech	Tues. p.m. Mon. a.m. & p.m. Wed. a.m. & p.m.
SALE	70, Chapel Road, Sale.	Minor Ailment Doctor's Sessions Eye Speech	Mon. to Fri. a.m. Wed. a.m. Mon. a.m. Wed. a.m. & Thurs. p.m.
SANDBACH	Marriott House, Sandbach.	Minor Ailment	Wed. p.m. 1st, 2nd, 3rd & 5th Fri. a.m. and 4th Fri. p.m.
		Doctor's Sessions E.N.T. Eye	
STALYBRIDGE	High Street, Stalybridge.	Minor Ailment Doctor's Sessions Eye	Mon., Wed. & Fri. a.m. Mon. a.m. 2nd. 3rd, 4th Tues. a.m.
STALYBRIDGE	Huddersfield Rd., Millbrook.	Minor Ailment	Mon. & Thurs. a.m.
STOCKTON HEATH	65 Whitefield Rd Stockton Heath.	.Minor Ailment Doctor's Sessions Eye	Mon. to Fri. a.m. 2nd Thurs. a.m. 4th Tues. p.m.
TARPORLEY	Victory Hall. Tarporley.	Minor Ailment Doctor's Sessions Eye	Fri. a.m. 4th Fri. a.m. 4th Fri. p.m.
TATTENHALL	Barbour Institute Tattenhall.	,Minor Ailment	3rd & 5th Wed. p.m. 1st, 2nd & 4th Wed. a.m.
WEAVERHAM	Church Lane, Weaverham.	Minor Ailment Doctor's Sessions Eye	Fri. a.m. 1st & 3rd Fri. a.m. 3rd Fri. p.m.
WILMSLOW	3, Alma Lane, Wilmslow.	Minor Ailment Doctor's Sessions E.N.T.	Even Mths. 4th Wed.
		Eye	p.m. 1st Tues. p.m.
WINSFORD	98, Weaver St., Winsford.	Minor Ailment	Mon. p.m. Wed. & Fri.
	Winstord.	Doctor's Sessions E.N.T. Eye	2nd & 4th Mon. p.m. 2nd Wed. p.m. 1st & 3rd Thurs. a.m.
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